

AMENDMENTS TO THE DRAWINGS

Figure 4 is corrected, as required by the Examiner, to change the arrow associated with reference numeral 6 to more clearly identify slit 6.

Attachment: Replacement Sheet (1)

REMARKS

Preliminary Matter

Claims 1-39 have been examined. The Examiner indicates in the Office Action that claims 5-8, 20-23, 32-33, 36, and 39 recite allowable subject matter. The claims are amended as discussed below, and claims 5 and 21 are cancelled without prejudice or disclaimer. Hence, claims 1-4, 6-20, and 22-39 are all of the claims pending in the application. This application is believed to be in condition for immediate allowance.

Drawings

The Examiner has objected to the Drawings for various informalities. The informalities noted by the Examiner have been corrected. Thus, withdrawal of this objection is respectfully requested. Applicant submits herewith a Replacement Drawing of Figure 4 and respectfully requests acknowledgement that this Replacement Drawing is acceptable.

Claim Objections

The Examiner has objected to claim 13 due to various informalities. Applicant amends claim 13 and respectfully requests the withdrawal of the objection. It is respectfully submitted, however, that the claim is patentable without the amendment.

Claim Rejections - 35 U.S.C. § 112, second paragraph

The Examiner has rejected claim 26 under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite. Applicant amends claim 26 and respectfully requests the withdrawal of the objection.

Claim Rejections - 35 U.S.C. § 102(e) to Aoyama

The Examiner has rejected claims 1 and 2 under 35 U.S.C. § 102(e) as allegedly being anticipated by U.S. Patent No. 6,452,554 to Aoyama et al. (hereinafter “Aoyama”). The Examiner has indicated that claim 5 contains allowable subject matter and would be allowed if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, Applicant amends claim 1 to incorporate the limitations of claim 5. Thus, Applicant submits that claim 1 is immediately allowable. Applicant also submits that claim 2, being dependent on claim 1, is patentable at least by virtue of its dependency. Thus, withdrawal of the rejection is respectfully requested.

Claim Rejections - 35 U.S.C. § 102(e) to Ikegaya

The Examiner has rejected claims 16-19 and 31 under 35 U.S.C. § 102(e) as allegedly being anticipated by U.S. Patent Application Publication No. 2004/0008146 to Ikegaya et al. (hereinafter “Ikegaya”). The Examiner has indicated that claim 21 contains allowable subject matter and would be allowed if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, Applicant amends claim 16 to incorporate the limitations of claim 21. Thus, Applicant submits that claim 16 is immediately allowable. Applicant also submits that claims 17-19, being dependent on claim 16, are patentable at least by virtue of its dependency. Thus, withdrawal of the rejection is respectfully requested.

Claim 31 is amended to recite a limitation similar to the limitations the Examiner found allowable. Specifically, Applicant amends claim 31 to include, inter alia, a first connecting portion formed on the second radiating portion in order to electrically connect the second

radiating portion of the first antenna element to a first conductor of a cable. On page 11 of the Office Action, the Examiner admits that this is allowable subject matter. Thus, Applicant submits that this claim is patentable and respectfully requests the withdrawal of the rejection.

Claim Rejections - 35 U.S.C. § 103(a)

The Examiner has rejected claims 3-4, 9-10, and 24-25 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Aoyama in view of U.S. Patent Application Publication No. 2004/0046697 to Tai et al. (hereinafter “Tai”). The Examiner has rejected claims 11-12 and 26-27 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Aoyama in view of Tai and further in view of U.S. Patent No. 6,124,831 to Rutkowski (hereinafter “Rutkowski”). The Examiner has rejected claims 13-14 and 28-29 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Aoyama in view of U.S. Patent No. 6,297,779 to Tsai (hereinafter “Tsai”). The Examiner has rejected claims 15 and 30 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Aoyama in view of U.S. Patent No. 6,774,853 to Wong et al. (hereinafter “Wong”). The Examiner has rejected claims 34-35 and 37-38 under 35 U.S.C. § 103(a) as allegedly being unpatentable over Aoyama in view of U.S. Patent No. 5,361,488 to Higashiguchi et al. (hereinafter “Higashiguchi”). Because these claims are dependent on one of claims 1, 16, and 31, which have been shown to include allowable subject matter, Applicant submits that these claims are patentable at least by virtue of their dependency. Withdrawal of the rejections are respectfully requested.

Conclusion

For all the foregoing reasons it is respectfully submitted that claims 1-4, 6-20, and 22-39, being all the claims present in the application, are patentable and that this application is in

AMENDMENT UNDER 37 CFR §1.111
Application No. 10/537,786

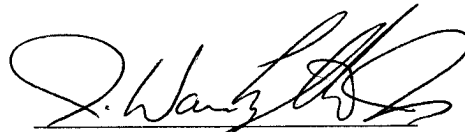
Docket No. Q88386

condition for allowance. It is therefore respectfully requested that the subject application be passed to issue at the earliest possible time.

If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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